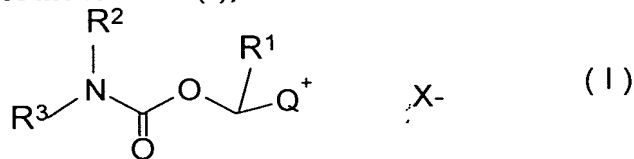


What is claimed is:

1. A compound of the formula (I),



5 wherein

Q is a 3H-imidazole or 1,2,4-triazole derivative with antifungal activity which is linked to the remainder of the compound of formula (I) by a nitrogen in the azole;

R¹ is hydrogen or alkyl;

10 R² is hydrogen, alkyl, alkylcarbonyloxyalkyl, alkoxycarbonyl, alkylcarbonyl, mono- or dialkylaminoalkylcarbonyloxyalkyl;

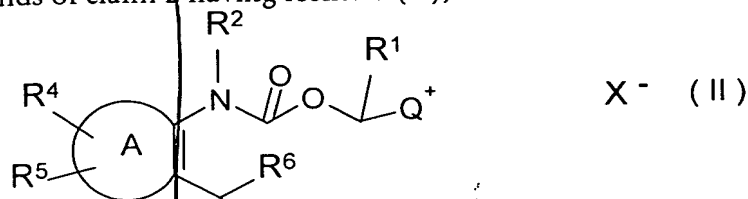
R³ is alkylaminoalkyl, alkylcarbonyl, alkylcarbonyloxyalkyl, alkylaminoalkylcarbonyloxyalkyl, hydrogen, acylalkylaminoalkyl, alkyl, hydroxyalkyl, aminoalkyl, alkylcarbonylaminoalkyl, alkylcarbonylalkylaminoalkyl, alkoxycarbonylalkylaminoalkyl, alkoxycarbonylaminoalkyl, optionally substituted phenyl, optionally substituted pyridin-2-yl or optionally substituted 5-or 6-membered cycloalkyl, acylaminoalkyl, alkylaminoalkylacyloxyalkyl or

15 the group (R², R³)N- may form an optionally substituted pyrrolidine, pyrrolidone or piperidine; and

20 X⁻ is a pharmaceutically acceptable anion, as well as pharmaceutically acceptable salts, hydrates or solvates of the compounds of formula (I).

- 25 2. Compounds of claim 1 wherein R³ is alkylaminoalkyl, alkylcarbonyl, alkylcarbonyloxyalkyl, alkylaminoalkylcarbonyloxyalkyl, optionally substituted phenyl, optionally substituted pyridin-2-yl or optionally substituted 5-or 6-membered cycloalkyl.

3 Compounds of claim 2 having formula (II),



wherein

R¹, R², Q, and X are as defined in claim 1; group is phenyl or pyridin-2-yl;

R⁴ and R⁵ are independently selected from the group consisting of hydrogen, halogen, alkyl, alkoxy, alkylthio, alkylsulfinyl, alkylsulfonyl, carboxy, alkoxycarbonyl, cyano, trifluoromethyl, trifluoromethoxy, nitro, aminosulfonyl,

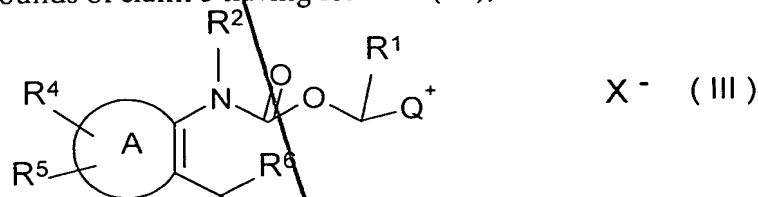
alkylaminocarbonyloxyalkyl, and sulfo when group is phenyl or pyridin-2-yl and are in addition alkylcarbonyloxyalkyl or aminoalkylcarbonyloxyalkyl

when group is pyridin-2-yl and are in addition aminoalkylcarbonyl or

alkylaminoalkyl when group is phenyl; and

R⁶ is hydroxy, alkoxycarbonylalkylamino, alkoxycarbonylamino, amino, alkylamino, alkylcarbonyloxy, alkoxycarbonylalkylaminoalkylcarbonyloxy, alkoxycarbonylamino-alkylcarbonyloxy, alkylaminoalkylcarbonyloxy, aminoalkylcarbonyloxy, alkylcarbonylamino, alkylcarbonylalkylamino, acyloxy, acylamino, acylalkylamino.

4. Compounds of claim 3 having formula (III),

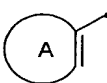


wherein

R¹, R², Q, and X are as defined in claim 1;

R⁴ and R⁵ are independently selected from the group consisting of hydrogen, halogen, alkyl, alkoxy, alkylthio, alkylsulfinyl, alkylsulfonyl, carboxy, alkyloxycarbonyl, cyano, trifluoromethyl, trifluoromethoxy, nitro, aminosulfonyl or sulfo;

R⁶ is hydroxy, alkoxy carbonylalkylamino, alkoxy carbonylamino, amino, alkylamino, alkylcarbonyloxy, alkoxy carbonylalkylaminoalkylcarbonyloxy, alkoxy carbonylamino-alkylcarbonyloxy, alkylaminoalkylcarbonyloxy, aminoalkylcarbonyloxy, alkylcarbonylamino, alkylcarbonylalkylamino, acyloxy, acylamino, acylalkylamino; and

group  is phenyl or pyridin-2-yl.


5. Compounds of claim 4 wherein R⁴ and R⁵ are independently selected from the group consisting of hydrogen, halogen, alkoxy, cyano, trifluoromethyl, trifluoromethoxy and nitro.

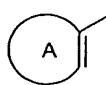
6. Compounds of claim 5 wherein R⁴ and R⁵ are independently selected from the group consisting of hydrogen, halogen and alkoxy.


7. Compounds of claim 4 wherein R⁴ and R⁵ are hydrogen.

8. Compounds of claim 4 wherein R⁶ is alkylamino, alkylcarbonyloxy, alkylaminoalkylcarbonyloxy or aminoalkylcarbonyloxy.

9. Compounds of claim 8 wherein R⁶ is alkylaminoalkylcarbonyloxy.

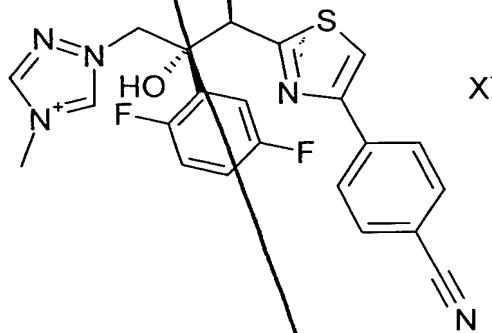
10. Compounds of claim 3 wherein group  is pyridin-2-yl and R⁴, R⁵, and R⁶ are as defined in claim 3.

11. Compounds of claim 10 wherein group  is pyridin-2-yl substituted with alkylaminoalkylcarbonyloxyalkyl, alkylcarbonyloxyalkyl, or aminoalkylcarbonyloxyalkyl.

12. Compounds of claim 3 wherein group  is phenyl substituted with aminoalkylcarbonyl, nitro, alkylaminoalkyl, trifluoromethoxy, alkyl, halogen, alkoxy, cyano, or alkylaminoalkylcarbonyloxyalkyl or pyridin-2-yl substituted with alkylaminoalkylcarbonyloxyalkyl, alkylcarbonyloxyalkyl, or aminoalkylcarbonyloxyalkyl.
13. Compounds of claim 1 wherein Q is selected from the group consisting of
- 1-[2-(2,4-Dichlorophenyl)-2-[(2,4-dichlorophenyl)methoxy]ethyl]-1H-imidazole (Miconazole),
- cis-1-Acetyl-4-[4-[[2-(2,4-dichlorophenyl)-2-(1H-imidazol-1-ylmethyl)-1,3-dioxolan-4-yl]methoxy]phenyl]piperazine (Ketoconazole),
- 4-[4-[4-[4-[[2-(2,4-Dichlorophenyl)-2-(1H-1,2,4-triazol-1-ylmethyl)-1,3-dioxolan-4-yl]methoxy]phenyl]-1-piperazinyl]phenyl]-2,4-dihydro-2-(1-methylpropyl)-3H-[1,2,4]triazol-3-one (Itraconazole),
- 2-[(1R,2R)-2-(2,4-difluorophenyl)-2-hydroxy-1-methyl-3-(1H-1,2,4-triazol-1-yl)propyl]-4-[4-(2,2,3,3-tetrafluoropropoxy)phenyl]-3(2H,4H)-1,2,4-triazolone,
- (+)-2-(2,4-Difluorophenyl)-3-methyl-1-(1H-1,2,4-triazol-1-yl)-3-(6-(1H-1,2,4-triazol-1-yl)pyridazin-3-ylthio)butan-2-ol,
- (2R)-2-(2,4-difluorophenyl)-1-[3-[(E)-4-(2,2,3,3-tetrafluoropropoxy)-styryl]-(1,2,4-triazol-1-yl)-3-(1,2,4-triazol-1-yl)]propan-2-ol,
- dl-Threo-2-(2,4-difluorophenyl)-3-methyl-sulfonyl-1-(1H-1,2,4-triazol-1-yl)-butan-2-ol,
- (-)-4-[4-[4-[4-[[5-(2,4-Difluorophenyl)-5-(1H-1,2,4-triazol-1-ylmethyl)tetrahydrofuran-3-yl]methoxy]phenyl]piperazinyl]phenyl]-2[(1S,2S)-1-ethyl-2-hydroxypropyl]-3H-1,2,4-triazol-3-one,
- (2R,3R)-3-[4-(4-cyanophenyl)thiazol-2-yl]-2-(2,4-difluorophenyl)-1-(1H-1,2,4-triazol-1-yl)-butan-2-ol,
- 3-Methyl-3-methylthio-1-(1,2,4-triazol-1-yl)-2-(trifluoromethylphenyl)-butan-2-ol,
- (2R,3R)-3-[4-(4-cyanophenyl)thiazol-2-yl]-1-(1H-1,2,4-triazol-1-yl)-2-(2,4,5-trifluorophenyl)-butan-2-ol,
- (2R,3R)-3-[4-(4-cyanophenyl)thiazol-2-yl]-2-(2,5-difluorophenyl)-1-(1H-1,2,4-triazol-1-yl)-butan-2-ol, and

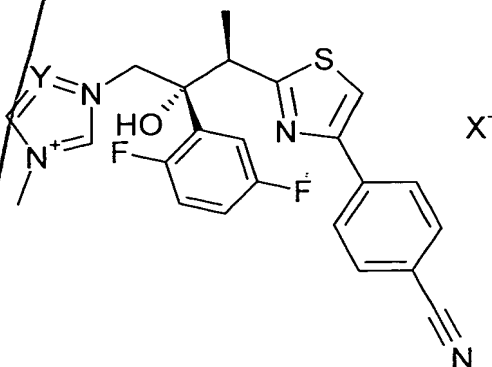
(2R,3R)-3-[4-(4-cyanophenyl)thiazol-2-yl]-2-(3-fluorophenyl)-1-(1H-1,2,4-triazole-1-yl)-butan-2-ol.

14. Compounds of claim 13 wherein Q is



- 5 15. Compounds of claim 1 wherein R^1 is hydrogen or alkyl.
16. Compounds of claim 15 wherein R^1 is methyl.
17. Compounds of claim 1 wherein R^2 is hydrogen or alkyl.
18. Compounds of claim 17 wherein R^2 is alkyl.
19. Compounds of claim 1 wherein the group $(R^2, R^3)N-$ forms an optionally substituted pyrrolidine, pyrrolidone or piperidine.
- 10 20. Compounds of claim 19 wherein the group $(R^2, R^3)N-$ forms an optionally substituted pyrrolidine.
21. Compounds of claim 1 wherein Q is 1,2,4-triazole.
22. Compounds of claim 1 wherein X is a halogen.
- 15 23. Compounds of claim 22 wherein X is chloro.

24. Compounds of claim 1 wherein Q is



Y is nitrogen or =CH-;

R¹ is alkyl;

R² is alkyl;

R³ is optionally substituted pyridin-2-yl;

X⁻ is halogen;

R⁴ and R⁵ are hydrogen;

R⁶ is alkylaminoalkylcarbonyloxy;

as well as pharmaceutically acceptable salts, hydrates or solvates thereof.

25. The compound of claim 13 which is selected from the group consisting of:

1-[[N-methyl-N-2-(methylamino)acetoxymethyl-3-chloro-phenyl]carbamoyloxy]ethyl-3-[2-(2,4-dichlorobenzyloxy)-2-(2,4-dichlorophenyl)ethyl]-3H-imidazol-1-ium chloride hydrochloric acid,

1-[[N-methyl-N-2-(methylamino)acetoxymethyl-5-chloro-phenyl]carbamoyloxy]ethyl-3-[2-(2,4-dichlorobenzyloxy)-2-(2,4-dichlorophenyl)ethyl]-3H-imidazol-1-ium chloride hydrochloric acid,

1-[[N-methyl-N-3-[(methylamino)acetoxymethyl]pyridin-2-yl]carbamoyloxy]ethyl-3-[2-(2,4-dichlorobenzyloxy)-2-(2,4-dichlorophenyl)ethyl]-3H-imidazol-1-ium chloride dihydrochloric acid,

1-[[N-methyl-N-2-(methylamino)acetoxymethyl-3-chloro-phenyl]carbamoyloxy]ethyl-3-[(2R,4S)-4-[4-(4-acetylpiperazin-1-yl)phenoxy]methyl]-2-(2,4-dichlorophenyl)-[1,3]dioxan-2-ylmethyl]-3H-imidazol-1-ium chloride hydrochloric acid,

1-[[N-methyl-N-2-(methylamino)acetoxymethyl-5-chloro-phenyl]carbamoyloxy]ethyl-3-[(2R,4S)-4-[4-(4-acetylpiperazin-1-yl)phenoxy]methyl]-2-(2,4-dichlorophenyl)-[1,3]dioxan-2-

- ylmethyl]-3H-imidazol-1-ium chloride hydrochloric acid,
 1-[[N-methyl-N-3-[(methylamino)acetoxymethyl]pyridin-2-yl]carbamoyloxy]ethyl -3-
 [(2R,4S)-4-[4-(4-acetyl)piperazin-1-yl]phenoxymethyl]-2-(2,4-dichlorophenyl)-[1,3]dioxan-2-
 ylmethyl]-3H-imidazol-1-ium chloride dihydrochloric acid,
 5 1-[[N-methyl-N-2-(methylamino)acetoxymethyl-3-chloro-phenyl]carbamoyloxy]ethyl -1-[4-
 [4-[4-(1-(2-butyl-5-oxo-1,5-dihydro-[1,2,4]triazol-4-yl)phenyl]piperazin-1-
 yl]phenoxymethyl]-2-(2,4-dichlorophenyl)-[1,3]dioxolan-2-ylmethyl]-1H-[1,2,4]triazol-4-
 ium chloride hydrochloric acid,
 1-[[N-methyl-N-2-(methylamino)acetoxymethyl-5-chloro-phenyl]carbamoyloxy]ethyl -1-[4-
 10 [4-[4-[4-(1-(2-butyl-5-oxo-1,5-dihydro-[1,2,4]triazol-4-yl)phenyl]piperazin-1-
 yl]phenoxymethyl]-2-(2,4-dichlorophenyl)-[1,3]dioxolan-2-ylmethyl]-1H-[1,2,4]triazol-4-
 ium chloride hydrochloric acid,
 1-[[N-methyl-N-3-[(methylamino)acetoxymethyl]pyridin-2-yl]carbamoyloxy]ethyl -1-[4-[4-
 15 [4-[4-(1-(2-butyl-5-oxo-1,5-dihydro-[1,2,4]triazol-4-yl)phenyl]piperazin-1-
 yl]phenoxymethyl]-2-(2,4-dichlorophenyl)-[1,3]dioxolan-2-ylmethyl]-1H-[1,2,4]triazol-4-
 ium chloride dihydrochloric acid,
 1-[[N-methyl-N-2-(methylamino)acetoxymethyl-3-chloro-phenyl]carbamoyloxy]ethyl -1-
 [(2R,3R)-2-(2,4-difluorophenyl)-2-hydroxy-3-{5-oxo-4-[4-(2,2,3,3-
 tetrafluoropropoxy)phenyl]-4,5-dihydro-[1,2,4]triazol-1-yl}butyl]-1H-[1,2,4]triazol-4-ium
 20 chloride hydrochloric acid,
 1-[[N-methyl-N-2-(methylamino)acetoxymethyl-5-chloro-phenyl]carbamoyloxy]ethyl -1-
 [(2R,3R)-2-(2,4-difluorophenyl)-2-hydroxy-3-{5-oxo-4-[4-(2,2,3,3-
 tetrafluoropropoxy)phenyl]-4,5-dihydro-[1,2,4]triazol-1-yl}butyl]-1H-[1,2,4]triazol-4-ium
 chloride hydrochloric acid,
 25 1-[[N-methyl-N-3-[(methylamino)acetoxymethyl]pyridin-2-yl]carbamoyloxy]ethyl -1-
 [(2R,3R)-2-(2,4-difluorophenyl)-2-hydroxy-3-{5-oxo-4-[4-(2,2,3,3-
 tetrafluoropropoxy)phenyl]-4,5-dihydro-[1,2,4]triazol-1-yl}butyl]-1H-[1,2,4]triazol-4-ium
 chloride dihydrochloric acid,
 1-[[N-methyl-N-2-(methylamino)acetoxymethyl-3-chloro-phenyl]carbamoyloxy]ethyl -1-
 30 [(2R)-2-(2,4-difluorophenyl)-2-hydroxy-3-methyl-3-(6-[1,2,4]triazol-1-yl-pyridazin-3-
 ylsulfanyl)butyl]-1H-[1,2,4]triazol-4-ium chloride hydrochloric acid,
 1-[[N-methyl-N-2-(methylamino)acetoxymethyl-5-chloro-phenyl]carbamoyloxy]ethyl -1-
 [(2R)-2-(2,4-difluorophenyl)-2-hydroxy-3-methyl-3-(6-[1,2,4]triazol-1-yl-pyridazin-3-
 ylsulfanyl)butyl]-1H-[1,2,4]triazol-4-ium chloride hydrochloric acid,
 35 1-[[N-methyl-N-3-[(methylamino)acetoxymethyl]pyridin-2-yl]carbamoyloxy]ethyl -1-[(2R)-

- 2-(2,4-difluorophenyl)-2-hydroxy-3-methyl-3-(6-[1,2,4]triazol-1-yl-pyridazin-3-ylsulfanyl)butyl]-1H-[1,2,4]triazol-4-ium chloride dihydrochloric acid,
 1-[[N-methyl-N-2-(methylamino)acetoxymethyl-3-chloro-phenyl]carbamoyloxy]ethyl-1-[(2R)-2-(2,4-difluorophenyl)-2-hydroxy-3-(3-{(Z)-2-[4-(2,2,3,3-tetrafluoropropoxy)phenyl]vinyl}-[1,2,4]triazol-1-yl)propyl]-1H-[1,2,4]triazol-4-ium chloride hydrochloric acid,
 1-[[N-methyl-N-2-(methylamino)acetoxymethyl-5-chloro-phenyl]carbamoyloxy]ethyl-1-[(2R)-2-(2,4-difluorophenyl)-2-hydroxy-3-(3-{(Z)-2-[4-(2,2,3,3-tetrafluoropropoxy)phenyl]vinyl}-[1,2,4]triazol-1-yl)propyl]-1H-[1,2,4]triazol-4-ium chloride hydrochloric acid,
 1-[[N-methyl-N-3-[(methylamino)acetoxymethyl]pyridin-2-yl]carbamoyloxy]ethyl-1-[(2R)-2-(2,4-difluorophenyl)-2-hydroxy-3-(3-{(Z)-2-[4-(2,2,3,3-tetrafluoropropoxy)phenyl]vinyl}-[1,2,4]triazol-1-yl)propyl]-1H-[1,2,4]triazol-4-ium chloride dihydrochloric acid,
 1-[[N-methyl-N-2-(methylamino)acetoxymethyl-3-chloro-phenyl]carbamoyloxy]ethyl-1-[(2R,3R)-2-(2,4-difluorophenyl)-2-hydroxy-3-methanesulfonylbutyl]-1H-[1,2,4]triazol-4-ium chloride hydrochloric acid,
 1-[[N-methyl-N-2-(methylamino)acetoxymethyl-5-chloro-phenyl]carbamoyloxy]ethyl-1-[(2R,3R)-2-(2,4-difluorophenyl)-2-hydroxy-3-methanesulfonylbutyl]-1H-[1,2,4]triazol-4-ium chloride hydrochloric acid,
 1-[[N-methyl-N-3-[(methylamino)acetoxymethyl]pyridin-2-yl]carbamoyloxy]ethyl-1-[(2R,3R)-2-(2,4-difluorophenyl)-2-hydroxy-3-methanesulfonylbutyl]-1H-[1,2,4]triazol-4-ium chloride dihydrochloric acid,
 1-[[N-methyl-N-2-(methylamino)acetoxymethyl-3-chloro-phenyl]carbamoyloxy]ethyl-1-[(2R-cis)-2-(2,4-difluorophenyl)-4-[4-[4-[1-[(1S,2S)-1-ethyl-2-hydroxypropyl]-5-oxo-1,5-dihydro-[1,2,4]triazol-4-yl]phenyl]piperazin-1-yl]phenoxymethyl]tetrahydrofuran-2-ylmethyl]-1H-[1,2,4]triazol-4-ium chloride hydrochloric acid,
 1-[[N-methyl-N-2-(methylamino)acetoxymethyl-5-chloro-phenyl]carbamoyloxy]ethyl-1-[(2R-cis)-2-(2,4-difluorophenyl)-4-[4-[4-[1-[(1S,2S)-1-ethyl-2-hydroxypropyl]-5-oxo-1,5-dihydro-[1,2,4]triazol-4-yl]phenyl]piperazin-1-yl]phenoxymethyl]tetrahydrofuran-2-ylmethyl]-1H-[1,2,4]triazol-4-ium chloride hydrochloric acid,
 1-[[N-methyl-N-3-[(methylamino)acetoxymethyl]pyridin-2-yl]carbamoyloxy]ethyl-1-[(2R-cis)-2-(2,4-difluorophenyl)-4-[4-[4-[1-[(1S,2S)-1-ethyl-2-hydroxypropyl]-5-oxo-1,5-dihydro-[1,2,4]triazol-4-yl]phenyl]piperazin-1-yl]phenoxymethyl]tetrahydrofuran-2-ylmethyl]-1H-[1,2,4]triazol-4-ium chloride dihydrochloric acid,
 1-[[N-methyl-N-2-(methylamino)acetoxymethyl-3-chloro-phenyl]carbamoyloxy]ethyl-1-

- [(2R,3R)-2-(2,4-difluorophenyl)-2-hydroxy-3-[4-(4-cyanophenyl)thiazol-2-yl]butyl]-1H-[1,2,4]triazol-4-ium chloride hydrochloride,
1-[[N-methyl-N-2-(methylamino)acetoxymethyl-5-chloro-phenyl]carbamoyloxy]ethyl -1-[(2R,3R)-2-(2,4-difluorophenyl)-2-hydroxy-3-[4-(4-cyanophenyl)thiazol-2-yl]butyl]-1H-[1,2,4]triazol-4-ium chloride hydrochloride,
5 1-[[N-methyl-N-3-[(methylamino)acetoxymethyl]pyridin-2-yl]carbamoyloxy]ethyl -1-[(2R,3R)-2-(2,4-difluorophenyl)-2-hydroxy-3-[4-(4-cyanophenyl)thiazol-2-yl]butyl]-1H-[1,2,4]triazol-4-ium chloride dihydrochloride,
1-[[N-methyl-N-2-(methylamino)acetoxymethyl-3-chloro-phenyl]carbamoyloxy]ethyl -1-[2-hydroxy-3-methyl-3-methylsulfanyl-2-(4-trifluoromethylphenyl)butyl]-1H-[1,2,4]triazol-4-ium chloride hydrochloric acid,
10 1-[[N-methyl-N-2-(methylamino)acetoxymethyl-5-chloro-phenyl]carbamoyloxy]ethyl -1-[2-hydroxy-3-methyl-3-methylsulfanyl-2-(4-trifluoromethylphenyl)butyl]-1H-[1,2,4]triazol-4-ium chloride hydrochloric acid,
15 1-[[N-methyl-N-3-[(methylamino)acetoxymethyl]pyridin-2-yl]carbamoyloxy]ethyl -1-[2-hydroxy-3-methyl-3-methylsulfanyl-2-(4-trifluoromethylphenyl)butyl]-1H-[1,2,4]triazol-4-ium chloride dihydrochloric acid,
1-[[N-methyl-N-2-(methylamino)acetoxymethyl-3-chloro-phenyl]carbamoyloxy]ethyl -1-[(2R,3R)-2-(2,4,5-trifluorophenyl)-2-hydroxy-3-[4-(4-cyanophenyl)thiazol-2-yl]butyl]-1H-[1,2,4]triazol-4-ium chloride hydrochloride,
20 1-[[N-methyl-N-2-(methylamino)acetoxymethyl-5-chloro-phenyl]carbamoyloxy]ethyl -1-[(2R,3R)-2-(2,4,5-trifluorophenyl)-2-hydroxy-3-[4-(4-cyanophenyl)thiazol-2-yl]butyl]-1H-[1,2,4]triazol-4-ium chloride hydrochloride,
1-[[N-methyl-N-3-[(methylamino)acetoxymethyl]pyridin-2-yl]carbamoyloxy]ethyl -1-[(2R,3R)-2-(2,4,5-trifluorophenyl)-2-hydroxy-3-[4-(4-cyanophenyl)thiazol-2-yl]butyl]-1H-[1,2,4]triazol-4-ium chloride dihydrochloride,
25 1-[[N-methyl-N-2-(methylamino)acetoxymethyl-3-chloro-phenyl]carbamoyloxy]ethyl -1-[(2R,3R)-2-(3-fluorophenyl)-2-hydroxy-3-[4-(4-cyanophenyl)thiazol-2-yl]butyl]-1H-[1,2,4]triazol-4-ium chloride hydrochloride,
1-[[N-methyl-N-2-(methylamino)acetoxymethyl-5-chloro-phenyl]carbamoyloxy]ethyl -1-[(2R,3R)-2-(3-fluorophenyl)-2-hydroxy-3-[4-(4-cyanophenyl)thiazol-2-yl]butyl]-1H-[1,2,4]triazol-4-ium chloride hydrochloride and
30 1-[[N-methyl-N-3-[(methylamino)acetoxymethyl]pyridin-2-yl]carbamoyloxy]ethyl -1-[(2R,3R)-2-(3-fluorophenyl)-2-hydroxy-3-[4-(4-cyanophenyl)thiazol-2-yl]butyl]-1H-[1,2,4]triazol-4-ium chloride dihydrochloride.
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26. Compounds of claim 14 selected from the group consisting of
- 1-[[N-methyl-N-2-(acetoxymethyl)phenyl]carbamoyloxy]methyl-1-[(2R,3R)-2-(2,5-difluorophenyl)-2-hydroxy-3-[4-(4-cyanophenyl)thiazol-2-yl]butyl]-1H-[1,2,4]triazol-4-ium chloride,
- 5 1-[[N-methyl-N-2-(isopropylaminomethyl)phenyl]carbamoyloxy]ethyl-1-[(2R,3R)-2-(2,5-difluorophenyl)-2-hydroxy-3-[4-(4-cyanophenyl)thiazol-2-yl]butyl]-1H-[1,2,4]triazol-4-ium chloride hydrochloride,
- 1-[[N-methyl-N-3-[(methylamino)acetoxymethyl]pyridin-2-yl]carbamoyloxy]ethyl-1-[(2R,3R)-2-(2,5-difluorophenyl)-2-hydroxy-3-[4-(4-cyanophenyl)thiazol-2-yl]butyl]-1H-[1,2,4]triazol-4-ium chloride dihydrochloride,
- 10 1-[[N-methyl-N-3-[(methylamino)acetoxymethyl]pyridin-2-yl]carbamoyloxy]ethyl-1-[(2R,3R)-2-(2,5-difluorophenyl)-2-hydroxy-3-[4-(4-cyanophenyl)thiazol-2-yl]butyl]-1H-[1,2,4]triazol-4-ium chloride hydrochloride,
- 1-[[N-ethyl-N-2-(ethylamino)ethyl]carbamoyloxy]ethyl-1-[(2R,3R)-2-(2,5-difluorophenyl)-2-hydroxy-3-[4-(4-cyanophenyl)thiazol-2-yl]butyl]-1H-[1,2,4]triazol-4-ium chloride hydrochloride,
- 15 1-[[N-methyl-N-phenyl]carbamoyloxy]methyl-1-[(2R,3R)-2-(2,5-difluorophenyl)-2-hydroxy-3-[4-(4-cyanophenyl)thiazol-2-yl]butyl]-1H-[1,2,4]triazol-4-ium chloride,
- 1-[[N-methyl-N-3-(acetoxymethyl)pyridin-2-yl]carbamoyloxy]ethyl-1-[(2R,3R)-2-(2,5-difluorophenyl)-2-hydroxy-3-[4-(4-cyanophenyl)thiazol-2-yl]butyl]-1H-[1,2,4]triazol-4-ium chloride hydrochloride,
- 20 1-[(N-acetyl-N-methyl)carbamoyloxy]ethyl-1-[(2R,3R)-2-(2,5-difluorophenyl)-2-hydroxy-3-[4-(4-cyanophenyl)thiazol-2-yl]butyl]-1H-[1,2,4]triazol-4-ium iodide,
- [[2(S)-(acetoxymethyl)pyrrolidin-1-yl]carbonyloxy]methyl-1-[(2R,3R)-2-(2,5-difluorophenyl)-2-hydroxy-3-[4-(4-cyanophenyl)thiazol-2-yl]butyl]-1H-[1,2,4]triazol-4-ium iodide,
- 25 1-[[N-methyl-N-2-(acetoxymethyl)ethyl]carbamoyloxy]methyl-1-[(2R,3R)-2-(2,5-difluorophenyl)-2-hydroxy-3-[4-(4-cyanophenyl)thiazol-2-yl]butyl]-1H-[1,2,4]triazol-4-ium iodide,
- 1-[[N-methyl-N-3-(acetoxymethyl)propyl]carbamoyloxy]methyl-1-[(2R,3R)-2-(2,5-difluorophenyl)-2-hydroxy-3-[4-(4-cyanophenyl)thiazol-2-yl]butyl]-1H-[1,2,4]triazol-4-ium iodide,
- 30 1-[[N-2-(methyl)phenyl-N-2-(acetoxymethyl)ethyl]carbamoyloxy]methyl-1-[(2R,3R)-2-(2,5-difluorophenyl)-2-hydroxy-3-[4-(4-cyanophenyl)thiazol-2-yl]butyl]-1H-[1,2,4]triazol-4-ium

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5 1-[[N-2-[(pentan-3-ylamino) methyl]phenyl]carbamoyloxy]ethyl-1-[(2R,3R)-2-(2,5-difluorophenyl)-2-hydroxy-3-[4-(4-cyanophenyl)thiazol-2-yl]butyl]-1H-[1,2,4]triazol-4-ium chloride hydrochloride,

1-[[N-methyl-N-2-[(methylamino) methyl]phenyl]carbamoyloxy]ethyl-1-[(2R,3R)-2-(2,5-difluorophenyl)-2-hydroxy-3-[4-(4-cyanophenyl)thiazol-2-yl]butyl]-1H-[1,2,4]triazol-4-ium
chloride hydrochloride,

[[N-methyl-N-2-[(methylamino)acetoxymethyl]phenyl]carbamoyloxy]methyl-1-[(2R,3R)-2-(2,5-difluorophenyl)-2-hydroxy-3-[4-(4-cyanophenyl)thiazol-2-yl]butyl]-1H-[1,2,4]triazol-4-ium chloride hydrochloride,

15 1-[[N-methyl-N-2-[(methylamino)acetoxymethyl]phenyl]carbamoyloxy]ethyl-1-[(2R,3R)-2-(2,5-difluorophenyl)-2-hydroxy-3-[4-(4-cyanophenyl)thiazol-2-yl]butyl]-1H-[1,2,4]triazol-4-ium chloride hydrochloride,

1-[[N-methyl-N-2- (methylamino)acetoxymethyl-4,5-difluoro-phenyl]carbamoyloxy]ethyl-1-
[(2R,3R)-2-(2,5-difluorophenyl)-2-hydroxy-3-[4-(4-cyanophenyl)thiazol-2-yl]butyl]-1H-
[1,2,4]triazol-4-ium chloride hydrochloride,

20 1-[[N-methyl-N-2-(methylamino)acetoxymethyl-4-fluoro-phenyl]carbamoyloxy]ethyl-1-
[(2R,3R)-2-(2,5-difluorophenyl)-2-hydroxy-3-[4-(4-cyanophenyl)thiazol-2-yl]butyl]-1H-
[1,2,4]triazol-4-ium iodide hydrochloride,

25 [[N-methyl-N-2- (methylamino)acetoxymethyl-4,5-dimethoxy-phenyl]carbamoyloxy]methyl-1-[(2R,3R)-2-(2,5-difluorophenyl)-2-hydroxy-3-[4-(4-cyanophenyl)thiazol-2-yl]butyl]-1H-[1,2,4]triazol-4-ium iodide hydrochloride,

1-[[N-methyl-N-2- (methylamino)acetoxymethyl-5-fluoro-phenyl]carbamoyloxy]ethyl-1-
[(2R,3R)-2-(2,5-difluorophenyl)-2-hydroxy-3-[4-(4-cyanophenyl)thiazol-2-yl]butyl]-1H-
[1,2,4]triazol-4-ium chloride hydrochloride,

1-[[N-methyl-N-2-(methylamino)acetoxymethyl-6-methyl-phenyl]carbamoyloxy]ethyl-1-
30 [(2R,3R)-2-(2,5-difluorophenyl)-2-hydroxy-3-[4-(4-cyanophenyl)thiazol-2-yl]butyl]-1H-
[1,2,4]triazol-4-ium iodide hydrochloride,

1-[[N-methyl-N-2-(methylamino)acetoxymethyl-4-chloro-phenyl]carbamoyloxy]ethyl-1-
[(2R,3R)-2-(2,5-difluorophenyl)-2-hydroxy-3-[4-(4-cyanophenyl)thiazol-2-yl]butyl]-1H-

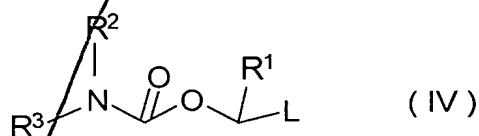
- [1,2,4]triazol-4-ium iodide hydrochloride,
1-[[N-(methylamino)acetoxymethyl-N-2,4-difluorophenyl]carbamoyloxy]ethyl-1-[(2R,3R)-2-(2,5-difluorophenyl)-2-hydroxy-3-[4-(4-cyanophenyl)thiazol-2-yl]butyl]-1H-[1,2,4]triazol-4-ium chloride hydrochloride,
- 5 1-[[N-methyl-N-2-(methylamino)acetoxymethyl-5-chloro-phenyl]carbamoyloxy]ethyl-1-[(2R,3R)-2-(2,5-difluorophenyl)-2-hydroxy-3-[4-(4-cyanophenyl)thiazol-2-yl]butyl]-1H-[1,2,4]triazol-4-ium iodide hydrochloride,
1-[[N-methyl-N-2-(methylamino)acetoxymethyl-5-nitro-phenyl]carbamoyloxy]ethyl-1-[(2R,3R)-2-(2,5-difluorophenyl)-2-hydroxy-3-[4-(4-cyanophenyl)thiazol-2-yl]butyl]-1H-[1,2,4]triazol-4-ium chloride hydrochloride,
- 10 [[5(S)-(methylamino)acetoxymethyl-2-pyrrolidon-1-yl]carbonyloxy] methyl-1-[(2R,3R)-2-(2,5-difluorophenyl)-2-hydroxy-3-[4-(4-cyanophenyl)thiazol-2-yl]butyl]-1H-[1,2,4]triazol-4-ium iodide, hydrochloride
1-[[N-methyl-N-2-(methylamino)acetoxymethyl-3-fluoro-phenyl]carbamoyloxy]ethyl-1-[(2R,3R)-2-(2,5-difluorophenyl)-2-hydroxy-3-[4-(4-cyanophenyl)thiazol-2-yl]butyl]-1H-[1,2,4]triazol-4-ium chloride hydrochloride,
- 15 1-[[N-methyl-N-2-(methylamino)acetoxymethyl-5-cyano-phenyl]carbamoyloxy]ethyl-1-[(2R,3R)-2-(2,5-difluorophenyl)-2-hydroxy-3-[4-(4-cyanophenyl)thiazol-2-yl]butyl]-1H-[1,2,4]triazol-4-ium chloride hydrochloride,
1-[[N-methyl-N-2-(methylamino)acetoxymethyl-3-chloro-phenyl]carbamoyloxy]ethyl-1-[(2R,3R)-2-(2,5-difluorophenyl)-2-hydroxy-3-[4-(4-cyanophenyl)thiazol-2-yl]butyl]-1H-[1,2,4]triazol-4-ium chloride hydrochloride,
- 20 1-[[N-methyl-N-2-(methylamino)acetoxymethyl-4-cyano-phenyl]carbamoyloxy]ethyl-1-[(2R,3R)-2-(2,5-difluorophenyl)-2-hydroxy-3-[4-(4-cyanophenyl)thiazol-2-yl]butyl]-1H-[1,2,4]triazol-4-ium chloride hydrochloride,
1-[[N-methyl-N-2-(methylamino)acetoxymethyl-5-trifluoromethyl-phenyl]carbamoyloxy]ethyl-1-[(2R,3R)-2-(2,5-difluorophenyl)-2-hydroxy-3-[4-(4-cyanophenyl)thiazol-2-yl]butyl]-1H-[1,2,4]triazol-4-ium iodide hydrochloride,
- 25 1-[[N-methyl-N-2-(amino)acetoxymethyl-3-chloro-phenyl]carbamoyloxy]ethyl-1-[(2R,3R)-2-(2,5-difluorophenyl)-2-hydroxy-3-[4-(4-cyanophenyl)thiazol-2-yl]butyl]-1H-[1,2,4]triazol-4-ium chloride hydrochloride,
1-[[N-ethyl-N-2-(methylamino)acetoxymethyl-3-chloro-phenyl]carbamoyloxy]ethyl-1-[(2R,3R)-2-(2,5-difluorophenyl)-2-hydroxy-3-[4-(4-cyanophenyl)thiazol-2-yl]butyl]-1H-
- 30

- [1,2,4]triazol-4-ium chloride hydrochloride,
 1-[[N-methyl-N-3-[(amino)acetoxymethyl]pyridin-2-yl]carbamoyloxy]ethyl-1-[(2R,3R)-2-(2,5-difluorophenyl)-2-hydroxy-3-[4-(4-cyanophenyl)thiazol-2-yl]butyl]-1H-[1,2,4]triazol-4-ium chloride hydrochloride,
 5 1-[[N-methyl-N-2-(methylamino)acetoxymethyl-3-methyl-phenyl]carbamoyloxy]ethyl-1-[(2R,3R)-2-(2,5-difluorophenyl)-2-hydroxy-3-[4-(4-cyanophenyl)thiazol-2-yl]butyl]-1H-[1,2,4]triazol-4-ium iodide hydrochloride,
 1-[[N-ethoxycarbonyl-N-2-(methylamino)acetoxymethyl-phenyl]carbamoyloxy]ethyl-1-[(2R,3R)-2-(2,5-difluorophenyl)-2-hydroxy-3-[4-(4-cyanophenyl)thiazol-2-yl]butyl]-1H-[1,2,4]triazol-4-ium chloride hydrochloride,
 10 1-[[N-pivaloyl-N-2-(methylamino)acetoxymethyl-phenyl]carbamoyloxy]ethyl-1-[(2R,3R)-2-(2,5-difluorophenyl)-2-hydroxy-3-[4-(4-cyanophenyl)thiazol-2-yl]butyl]-1H-[1,2,4]triazol-4-ium chloride hydrochloride,
 1-[[N-(methylamino)acetoxymethyl-N-pivaloyl]carbamoyloxy]ethyl-1-[(2R,3R)-2-(2,5-difluorophenyl)-2-hydroxy-3-[4-(4-cyanophenyl)thiazol-2-yl]butyl]-1H-[1,2,4]triazol-4-ium chloride hydrochloride,
 15 1-[[N-(methylamino)acetoxymethyl-N-ethoxycarbonyl]carbamoyloxy]ethyl-1-[(2R,3R)-2-(2,5-difluorophenyl)-2-hydroxy-3-[4-(4-cyanophenyl)thiazol-2-yl]butyl]-1H-[1,2,4]triazol-4-ium chloride hydrochloride,
 20 1-[[N-methyl-N-2-(methylamino)ethyl]carbamoyloxy]ethyl-1-[(2R,3R)-2-(2,5-difluorophenyl)-2-hydroxy-3-[4-(4-cyanophenyl)thiazol-2-yl]butyl]-1H-[1,2,4]triazol-4-ium chloride hydrochloride,
 1-[[N-methyl-N-3-(methylamino)propyl]carbamoyloxy]ethyl-1-[(2R,3R)-2-(2,5-difluorophenyl)-2-hydroxy-3-[4-(4-cyanophenyl)thiazol-2-yl]butyl]-1H-[1,2,4]triazol-4-ium chloride hydrochloride,
 25 1-[[3(S)-amino-pyrrolidin-1-yl]carbonyloxy]ethyl-1-[(2R,3R)-2-(2,5-difluorophenyl)-2-hydroxy-3-[4-(4-cyanophenyl)thiazol-2-yl]butyl]-1H-[1,2,4]triazol-4-ium chloride hydrochloride,
 1-[[2(S)-aminomethyl-pyrrolidin-1-yl]carbonyloxy]ethyl-1-[(2R,3R)-2-(2,5-difluorophenyl)-2-hydroxy-3-[4-(4-cyanophenyl)thiazol-2-yl]butyl]-1H-[1,2,4]triazol-4-ium chloride hydrochloride,
 30 1-[[N-methyl-N-2-(methylamino)-1,2-trans-cyclohexan-1-yl]carbamoyloxy]ethyl-1-[(2R,3R)-2-(2,5-difluorophenyl)-2-hydroxy-3-[4-(4-cyanophenyl)thiazol-2-yl]butyl]-1H-

[1,2,4]triazol-4-ium iodide hydrochloride.

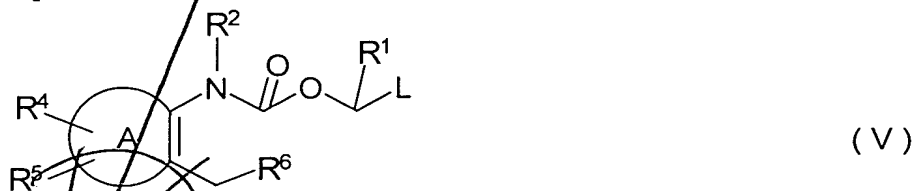
27. A compound of claim 26 which is 1-[[N-methyl-N-3-[(methylamino)acetoxymethyl]pyridin-2-yl]carbamoyloxy]ethyl-1-[(2R,3R)-2-(2,5-difluorophenyl)-2-hydroxy-3-[4-(4-cyanophenyl)thiazol-2-yl]butyl]-1H-[1,2,4]triazol-4-ium chloride hydrochloride.


28. A compound of formula (IV) which is



wherein R¹, R², R³ are as defined in claim 3 and L is a leaving group.

29. A compound of formula (V) which is



wherein R¹, R², R⁴, R⁵, R⁶ and the group  is as defined in claim 3 and L is a leaving group.

30. An pharmaceutical composition, in particular for use as an antifungal, comprising a compound of claim 1 and a pharmaceutically acceptable carrier.

31. A method of treating fungal infections comprising administering to the infected organism an effective amount of a compound of claim 1.
